

| NOMINATION FOR AWARD   |  |                                      |
|--|--|--------------------------------------|
| AWARD<br>The General Thomas D. White Environmental Quality Award   | CATEGORY (If Applicable)<br>OVERSEAS                                       | AWARD PERIOD<br>1 OCT 00 - 30 SEP 02 |
| RANK/NAME OF NOMINEE (First, Middle Initial, Last)<br>86TH CIVIL ENGINEER SQUADRON   | SSN (Enter Last 4 Only)  | MAJCOM, FOA, OR DRU<br>USAFE         |
| DAFSC/DUTY TITLE   | NOMINEE'S TELEPHONE (DSN & Commercial)<br>DSN: 480-5086 COM: 06371-47-5086 |                                      |
| UNIT/OFFICE SYMBOL/STREET ADDRESS/BASE/STATE/ZIP CODE<br>86TH CIVIL ENGINEER SQUADRON/CEV/UNIT 3180 BOX 300 APO AE 09094   |  |                                      |
| RANK/NAME OF UNIT COMMANDER (First, Middle Initial, Last)/COMMANDER'S TELEPHONE (DSN & Commercial)<br>LT COL BRADSHAW, WILLIAM S. DSN: 480-5007 COM: 06371-47-5007   |  |                                      |
| SPECIFIC ACCOMPLISHMENTS (Use single-spaced, bullet format)  |  |                                      |
| <p><b>Complying With The National Environmental Policy Act And Other Environmental Directives:</b></p> <ul style="list-style-type: none"> <li>- Phenomenal program! One of only five AF winners of 2001 White House Closing the Circle Award               <ul style="list-style-type: none"> <li>-- Award recognized our outstanding efforts in our recycling and pollution prevention programs</li> </ul> </li> <li>- Won five MAJCOM environmental awards for 2000 through 2001--simply the best USAFE program</li> <li>- Largest recycling program in all of USAFE--over 15 million pounds of material recycled annually               <ul style="list-style-type: none"> <li>-- 46% diversion rate well ahead of federal goal of 40% by 2005--we recycle over 100 different items</li> </ul> </li> </ul> <p><b>Implementing Required Environmental Protection Plans: Outstanding planning saves time and \$\$\$!</b></p> <ul style="list-style-type: none"> <li>- Novel approach will place six management plans on flight website--allows easy access, instant service</li> <li>- Completed thorough \$25K endangered species survey--planners know areas to avoid, time/\$\$\$ saved</li> <li>- Minimized flight safety issues by developing/implementing \$80K bird aircraft strike avoidance plan</li> <li>- Spent \$100K to have contractor update eight major environmental plans--all our plans are now perfect</li> </ul> <p><b>Integrating Environmental Protection Policies Into Installation Decision Making: Outstanding!</b></p> <ul style="list-style-type: none"> <li>- Integral member of wing noise abatement committee--provides expert advice on all noise standards</li> <li>- Aided decision makers by streamlining the Environmental Impact Analysis Process--over 3,500 project designs, work orders, and digging permits coordinated annually by our program managers               <ul style="list-style-type: none"> <li>-- Ramp 1 project critical to air base future--environmental/noise assessment results key to design</li> <li>-- Instrumental in siting \$157M AAFES community center--wetlands saved, tree cutting minimized</li> </ul> </li> <li>- Leads drinking water tiger team--\$250K spent to study nitrate problems in water; solution determined</li> <li>- Advises wing commander/wing leadership on environmental issues--helps them make smart decisions</li> <li>- Managing \$3M in support projects for Rhein Main transition--base to close, move to Ramstein</li> <li>- Important advisor during emergency response situations--responds to over 500 hazardous spills a year               <ul style="list-style-type: none"> <li>-- Briefs on-scene commander of any potential environmental risks/damage, and how to clean up site</li> <li>-- Dangerous five liter chlorine leak safely resolved--advice saved lives, protected the environment</li> </ul> </li> </ul> <p><b>Eliminating Environmental Violations: Goal is zero violations--aggressively working to meet goal!</b></p> <ul style="list-style-type: none"> <li>- Leads the German-American environmental working group--ensures all German requirements are met               <ul style="list-style-type: none"> <li>-- Outstanding program and work with local regulators resulted in zero Open Enforcement Actions</li> </ul> </li> <li>- Superior ECAMP program identifies environmental deficiencies--once we know them, we fix them               <ul style="list-style-type: none"> <li>-- 2001 external ECAMP inspection had 170 total findings--57% decrease since last external in 1998</li> <li>-- Coraled 100+ member ECAMP working group monthly--80% of 170 findings are already closed</li> </ul> </li> <li>- Centralized Hazardous Waste (HW) Storage Facility now open--facility reduces threat of HW spills               <ul style="list-style-type: none"> <li>-- 20 storage sites eliminated--significantly reduces the risk of HW violations and ECAMP findings</li> </ul> </li> </ul> <p><b>Identifying And Correcting Program Deficiencies: All problems are solved as soon as possible!</b></p> <ul style="list-style-type: none"> <li>- Largest USAFE budget--\$8.6M spent in FY01, \$7.8M programmed in FY02--compliance ensured               <ul style="list-style-type: none"> <li>-- Deficiencies identified and immediately fixed--program managers ensured projects fixed problems</li> </ul> </li> <li>- Excellent storage tank management program--\$1M programmed to ensure all tanks compliant by 2004               <ul style="list-style-type: none"> <li>-- Ongoing tank inspections prevent deficiencies by identifying problems--500 tanks per year inspected</li> <li>-- We ensure that all storage tanks are double walled--eliminating risk of deficiencies/contamination</li> </ul> </li> </ul> <p><b>Cleaning Up Contaminated Sites: Our #1 program--praised by host nation for outstanding results!</b></p> <ul style="list-style-type: none"> <li>- Largest USAFE restoration program; 63 total sites--36 completed, \$15.6M programmed to fix last 27               <ul style="list-style-type: none"> <li>-- We are committed to cleaning up contaminated sites--\$30M spent to date; none has spread off base</li> </ul> </li> <li>- Eliminating #1 contaminated site--groundwater contamination is threatening our base drinking water               <ul style="list-style-type: none"> <li>-- \$2.25M spent, \$3.22M programmed to close site by 2013--20% of contamination now removed</li> </ul> </li> <li>- Innovative \$220K groundwater modeling database pinpoints contamination which expedites removal</li> <li>- Using natural attenuation and other money-saving techniques whenever feasible--on the cutting edge</li> <li>- Operates USAFE's only on-base biological soil treatment facility--the key to our restoration program               <ul style="list-style-type: none"> <li>-- Over 14,000 cubic meters of soil cleaned in the past year--106,000 cubic meters cleaned since 1991</li> <li>-- Treatment costs 1/3 of contracted clean-up and soil is reused on the installation--\$500K/year saved</li> </ul> </li> </ul> |  |                                      |



**NOMINATION FOR AWARD (Continued)**

RANK/NAME OF NOMINEE (First, Middle Initial, Last)

86TH CIVIL ENGINEER SQUADRON

SPECIFIC ACCOMPLISHMENTS (Use single-spaced, bullet format) (Continued)

**Minimizing Hazardous Waste:** Dedicated effort to reduce hazardous waste--\$\$\$ , environment saved!

- Conducted assessments of high-volume waste-streams to determine ways to reduce/eliminate waste
  - 24 waste-streams assessed--10 solutions determined; \$175K annual reduction in disposal costs result
- Hazardous materials (HM) management team is training and educating users how to reduce waste
  - Order only the HM needed--ordering proper quantity reduces disposal due to expired shelf-life
- New \$21K bead blaster recycles beads used for removing paint--beads reused until they are unusable
- Number three hazardous waste producer on base has been eliminated--base photo lab is now digital

**Preventing Pollution:** Always looking to enhance Pollution Prevention (P2) and improve program!

- 50 flightline spill kits are now installed--\$65K program prepositions kits where they're needed in case of a spill--24 hour spill response team cleans up all spills preventing further environmental damage
- Exceptional P2 working group meets quarterly--group manages over \$1M in annual P2 requirements
- Energy management steering group prevents pollution and promotes conservation throughout base
  - Base energy use reduced by 32 % from 1985 baseline--two energy projects expected to save \$479K
- P2 program manager regularly attends technology fairs, conferences, and training to remain current
  - Attended worldwide P2 conference--brought back information and ideas to improve our program
- Phenomenal oil water separator (OWS) program--prevents unauthorized discharges of oil into sewer
  - 50% of 204 OWS now in compliance--\$725K programmed to fix remaining 50% by end of 2003

**Encouraging Recycling:** We practice and we promote the three R's--Reduce, Reuse, Recycle!

- Reworked base refuse contract with local government to charge by mass instead of volume of refuse
  - Resulted in savings to the AF of \$500K for the first year--same savings will continue indefinitely
  - Same savings are expected when the refuse contract with the county is reworked--more \$\$\$ saved
- Ongoing education and training ensures everyone knows how to recycle and the materials accepted
- Conducting comprehensive \$180K refuse study--results will recommend ways to improve program
- Over 4,500 office recycling bins handed out annually--bins are available to all, recycling encouraged
- Upgraded two base recycling centers--\$700K improvements enhance our customer's convenience
  - Ribbon cutting ceremony very successful--German government representative praised our efforts
- Submitted entries to the National Recycles Day poster contest--two local girls won national prizes
- P2 management team is training and educating users about benefits of recycling and reusing materials
  - Construction debris is now reused on base on other construction projects--saving over \$350K/year

**Enhancing the Environment:** We have implemented measures to protect our natural surroundings!

- \$246K flightline tree cutting project resolved wing's #1 safety issue--dangerous blindspots removed
- Contributed to successful "clean up the world day"--over 100 participants picked up trash from forests
- Developed \$1.5M asbestos database--ensures all asbestos is identified and programmed for removal
- All materials used on base are screened prior to use to ensure they do not contain toxic substances
  - Safety, environmental protection ensured--EPA 17 toxic chemicals are not used without approval
- Contract provisions require that contractors follow all environmental laws--negligence not tolerated

**Establishing Good Working Relationships With Other Agencies And The Local Community:**

- Trained all building leaders how to improve pollution prevention, recycling, and energy management
- Outstanding relations with German officials--working groups have met 53 times to resolve issues
  - Annually briefs mayors status of restoration program--ensures them that their communities are safe
- Critical player in land acquisition process--secured 544 acres of land to allow for future expansion
- Oversees ongoing \$1M environmental studies--results key to addressing serious noise issues
- Works closely with German Forest Department to obtain permission for all tree cutting done on base
- Fostered partnership agreement between German construction agency LBB and the Air Force Center for Environmental Excellence (AFCEE)--ensures all AFCEE work complies with German laws
- Key player in connecting base sewer system to newly built local German plant--\$6M project ongoing
  - Existing on-base wastewater treatment plant is beyond repair--connection boosts local economy

**Conducting Environmental Training And Awareness Programs:** We keep our customers trained!

- Ensures environmental awareness by briefing over 2500 newcomers from five installations per year
- Routinely publishes articles in base paper--entire community educated; awareness greatly enhanced
- Speaks at commander's calls, community fairs, schools--spreads the word to all; improving program
- Handed out over 10K recycling brochures per year--recycling video shown at high visibility locations
- Organizes earth week celebrations--over 400 scouts, students, and base personnel participate annually
- Hosted ten environmental satellite courses for five USAFE bases--enhanced command compliance
- Trains more than 200 hazardous waste monitors every year--training helps to ensure compliance